

PATENT ABSTRACTS OF JAPAN

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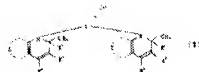
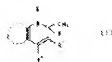
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(54) ELECTROPHOTOGRAPHIC RECORDING MATERIAL

(57)Abstract:

PURPOSE: To provide a photoconductive material having high electrification property and high sensitivity by incorporating a hydrazone compd. which shows good electrification property and high P-type charge transfer ability in a binder layer.

CONSTITUTION: This electrophotographic recording material consists of a conductive base body and a photoconductive layer on the base body, and the photoconductive layer contains one or more kinds of hydrazone compds. expressed by formulae I, II. In formulae I, II, R is a isocyclic or heterocyclic group having characteristics of aromatic groups or a group with substitution of one or more nonlon



substituents. R1 and R2 may be same or different and are 1 to 6C alkyl groups, R3 is hydrogen or N-N-substd.-CH=hydrazono group, Z represents the adjacent aromatic group nucleus or atoms necessary to close the aromatic ring with substitution of N-N-substd.CH=hydrazone group, X is a bivalent isocyclic or heterocyclic aromatic group. Thereby, the obtd. photosensitive layer has extremely high sensitivity and ability to give enough contrast.